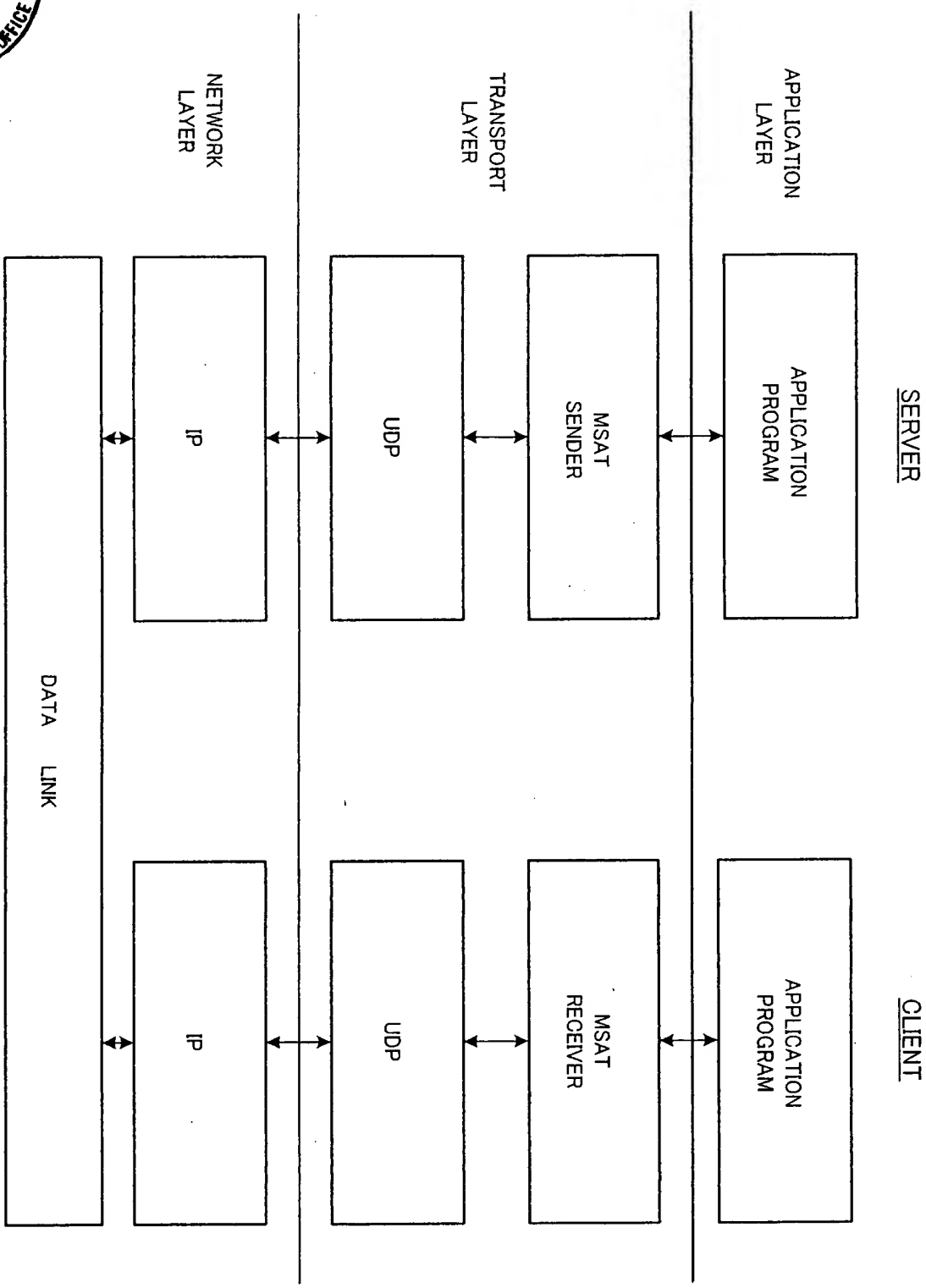




FIG. 1



PROTOCOL STACK

FIG. 2

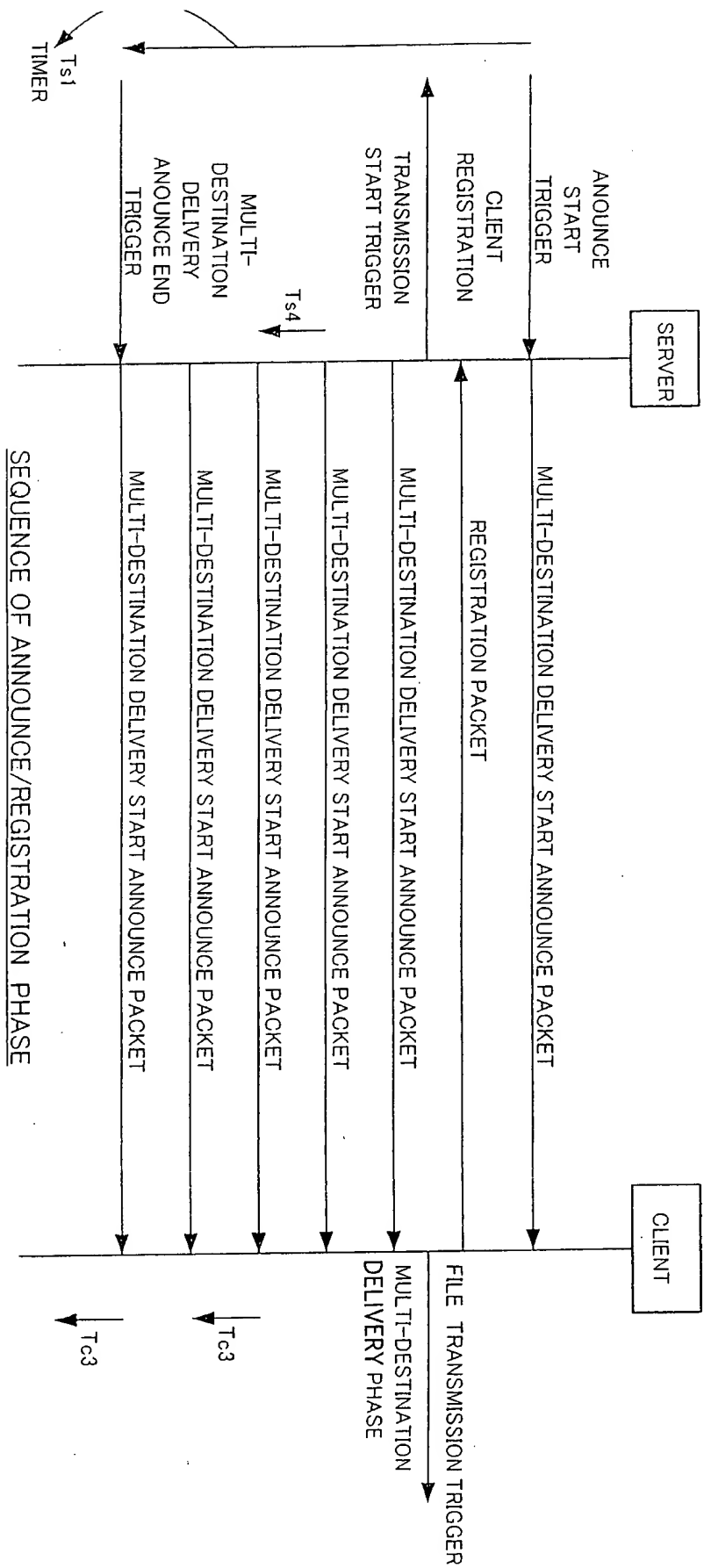
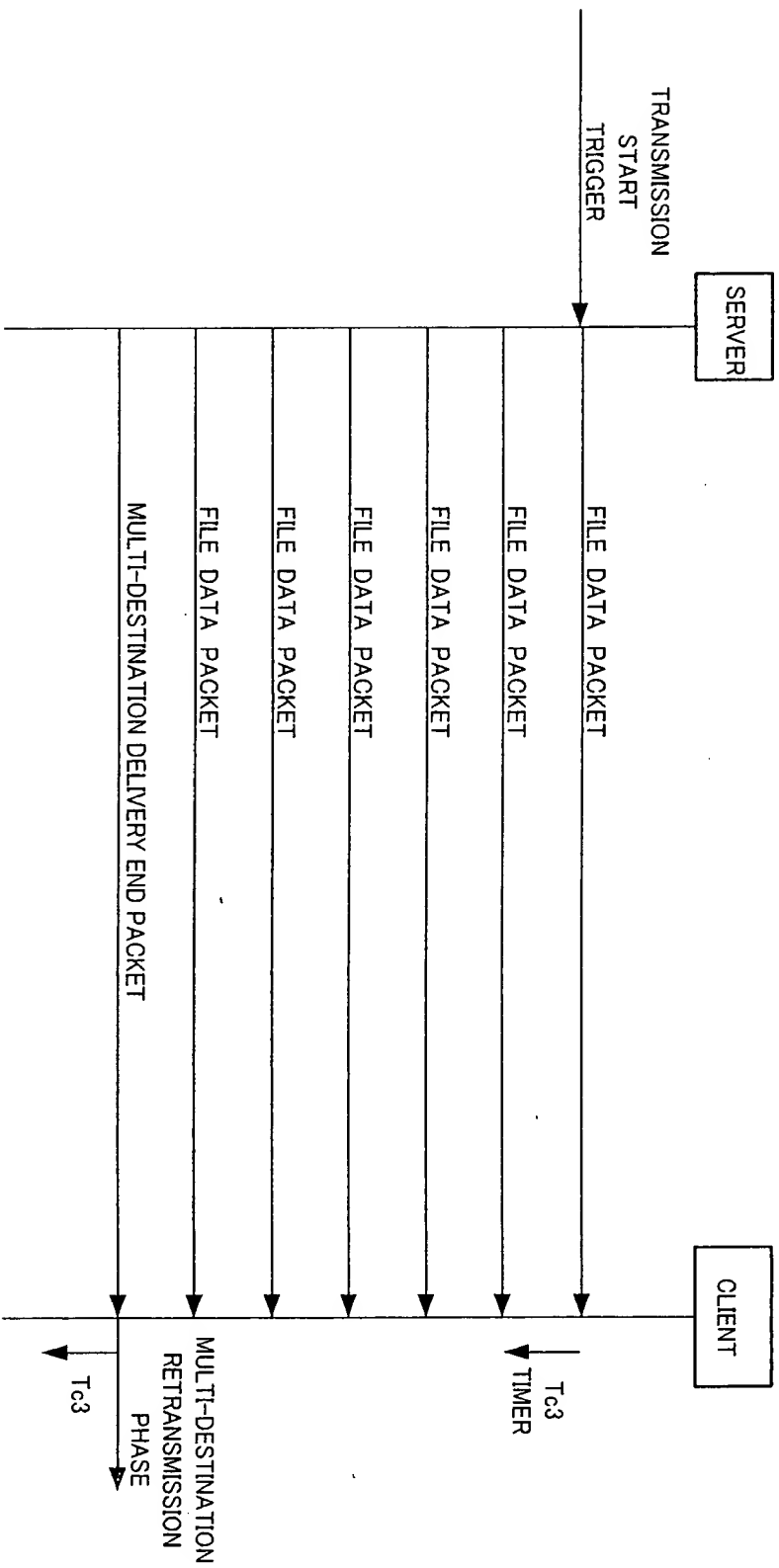
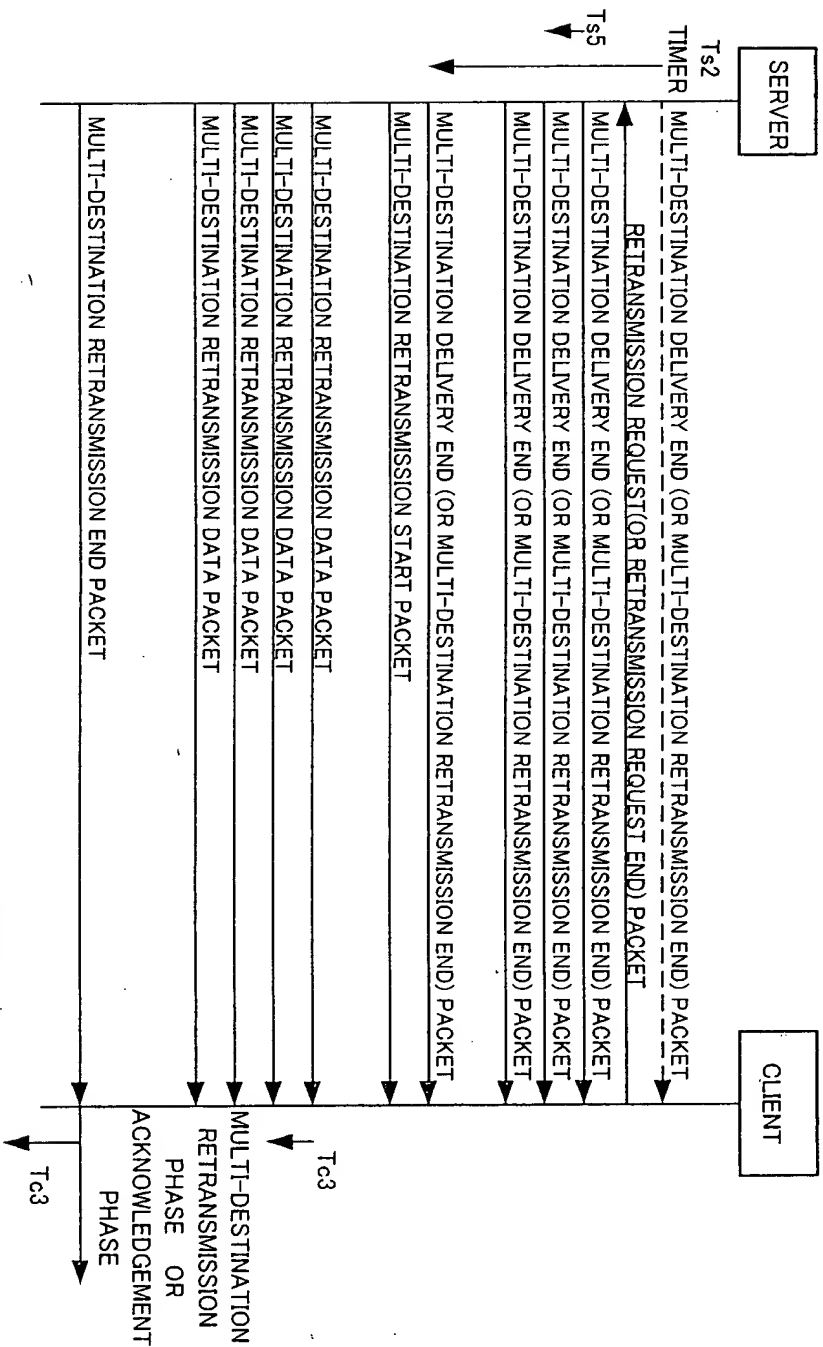


FIG.3



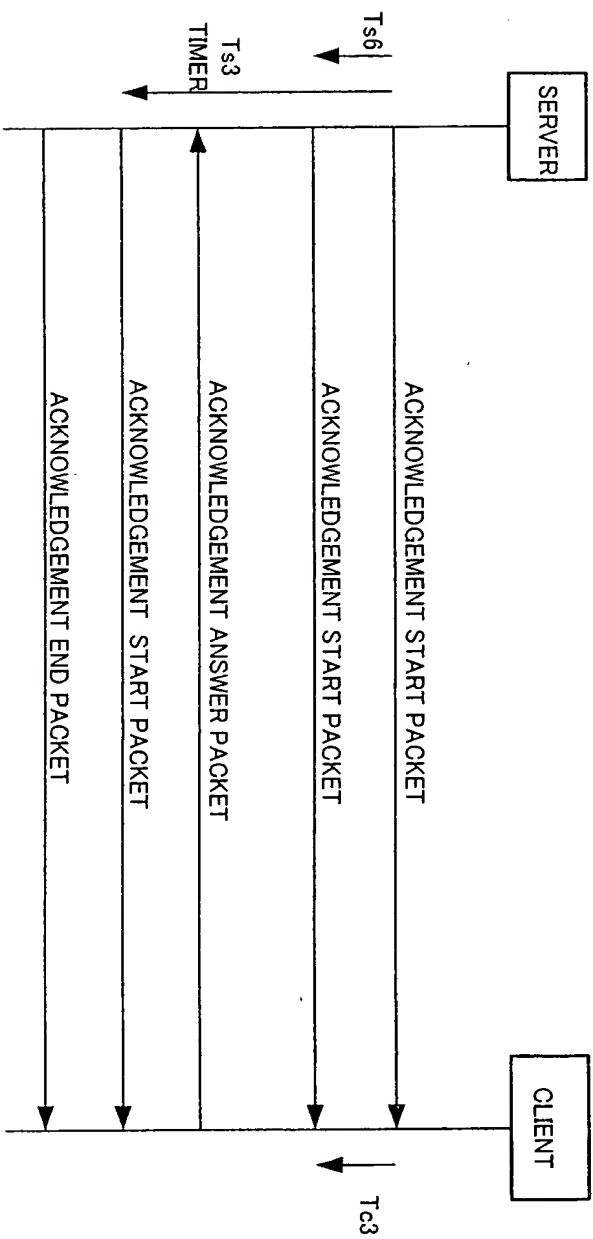
SEQUENCE OF MULTI-DESTINATION DELIVERY PHASE

FIG. 4



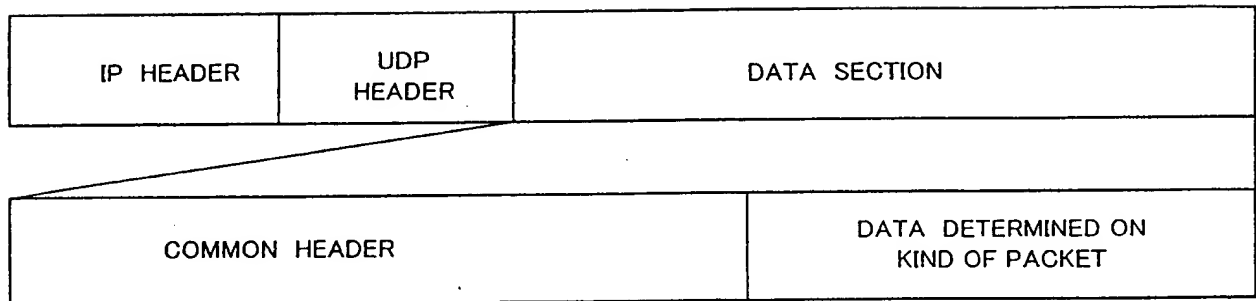
SEQUENCE OF MULTI-DESTINATION RETRANSMISSION PHASE

FIG.5



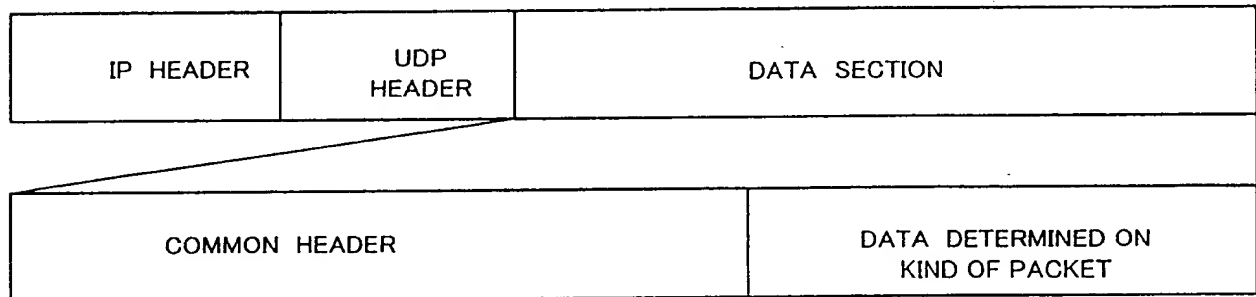
SEQUENCE OF ACKNOWLEDGEMENT PHASE

FIG.6



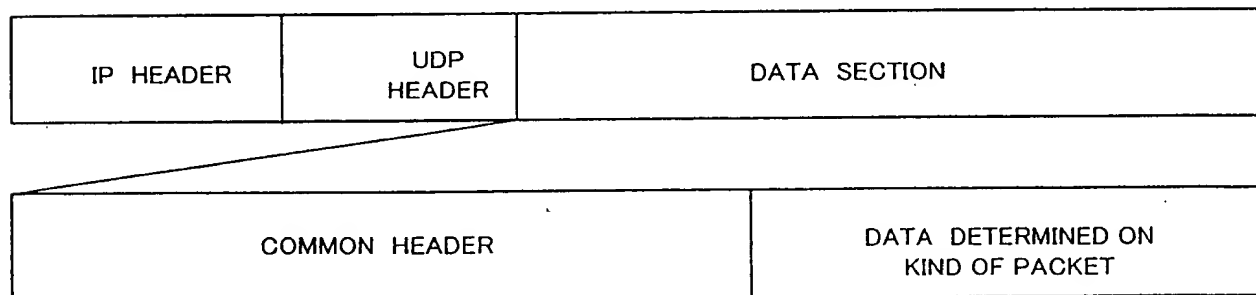
BASIC PACKET FORMAT OF ANNOUNCE REGISTRATION PHASE

FIG.7



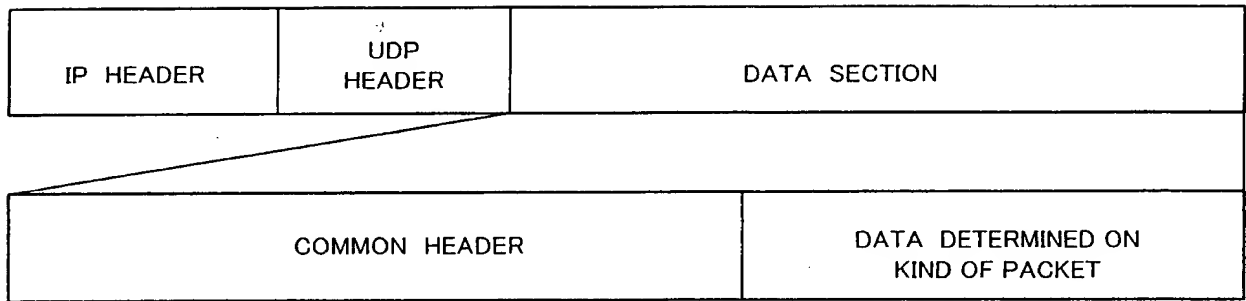
BASIC PACKET FORMAT OF MULTI-DESTINATION
DELIVERY PHASE

FIG.8



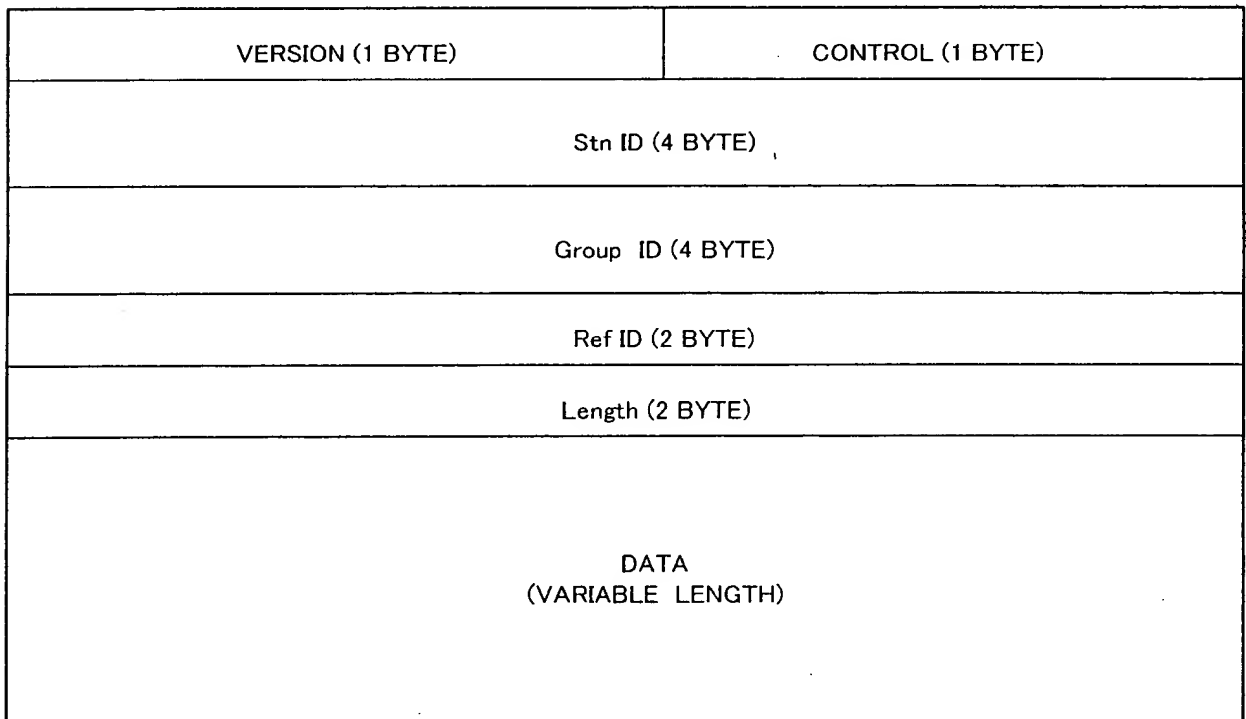
BASIC PACKET FORMAT OF MULTI-DESTINATION
RETRANSMISSION PHASE

FIG.9



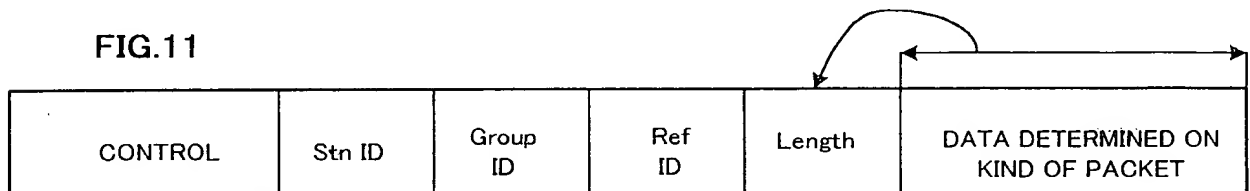
BASIC PACKET FORMAT OF ACKNOWLEDGEMENT PHASE

FIG.10



HEADER FORMAT

FIG.11



DEFINITION OF CODE LENGTH

FIG.12

HEADER (14 BYTE)
ADDRESS (4 BYTE)
PORT (2 BYTE)
TRANSMISSION RATE (2 BYTE)
FILE SIZE(4 BYTE)
FILE NAME (VARIABLE LENGTH)

FORMAT OF MULTI-DESTINATION DELIVERY START ANNOUNCE PACKET

FIG.13

HEADER (14 BYTE)
REGISTRATION CODE (2 BYTE)

REGISTRATION PACKET

FIG.14

HEADER (14 BYTE)
OFFSET (4 BYTE)
CHECKSUM (4 BYTE)
FILE DATA (VARIABLE LENGTH)

FORMAT OF FILE DATA PACKET AND MULTI-DESTINATION
RETRANSMISSION DATA PACKET

FIG.15

HEADER (14 BYTE)

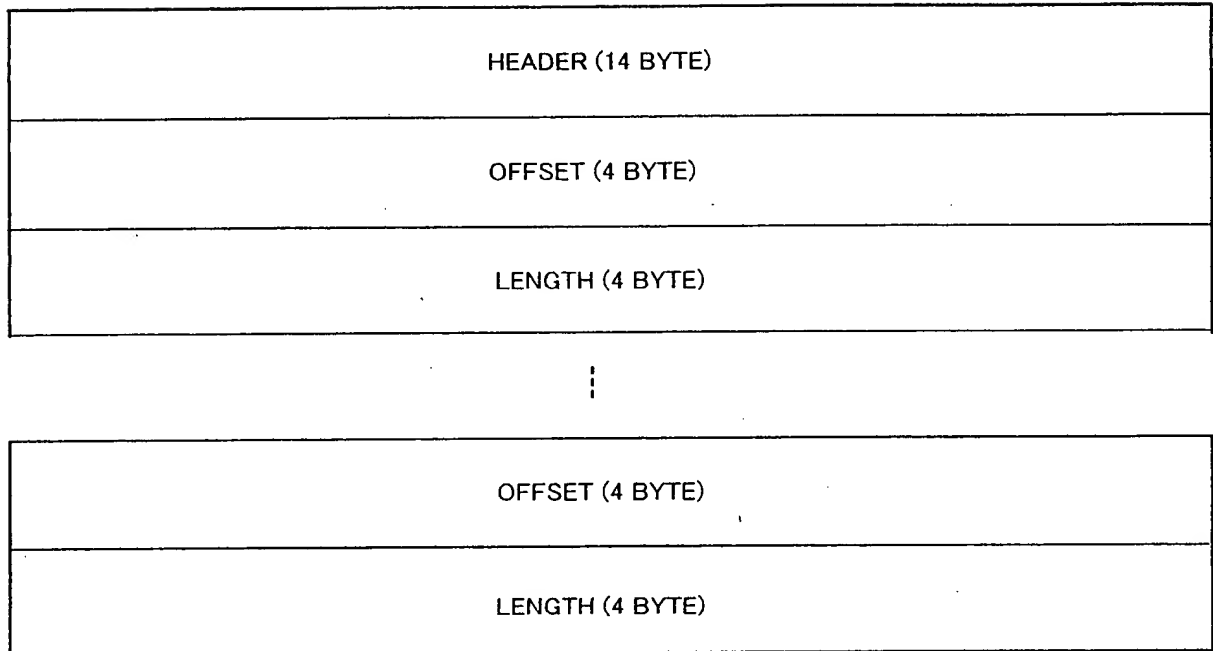
FORMATS OF MULTI-DESTINATION DELIVERY END PACKET AND
MULTI-DESTINATION RETRANSMISSION END PACKET

FIG.16

HEADER (14 BYTE)	
MUXIMUM NUMBER OF RETRANSMISSION TIMES (1 BYTE)	RETRANSMISSION TIMES (1 BYTE)
RETRANSMISSION DATA LENGTH (4 BYTE)	
TRANSMISSION RATE (2 BYTE)	
FILE NAME (VARIABLE LENGTH)	

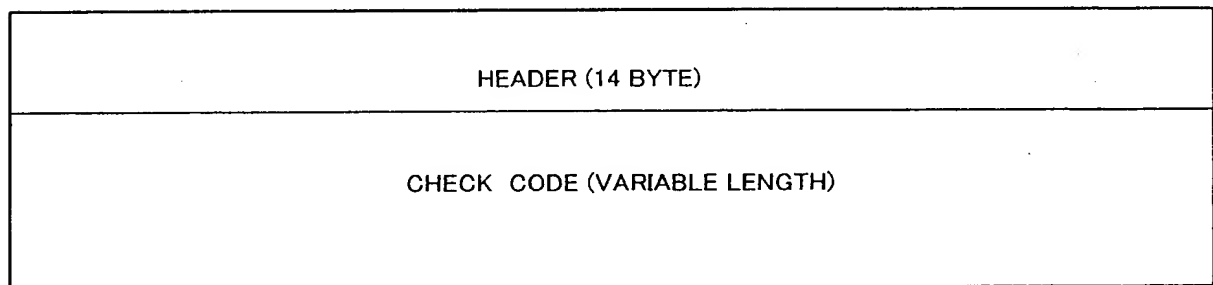
FORMATS OF MULTI-DESTINATION RETRANSMISSION START PACKET
AND MULTI-DESTINATION RETRANSMISSION END PACKET

FIG.17



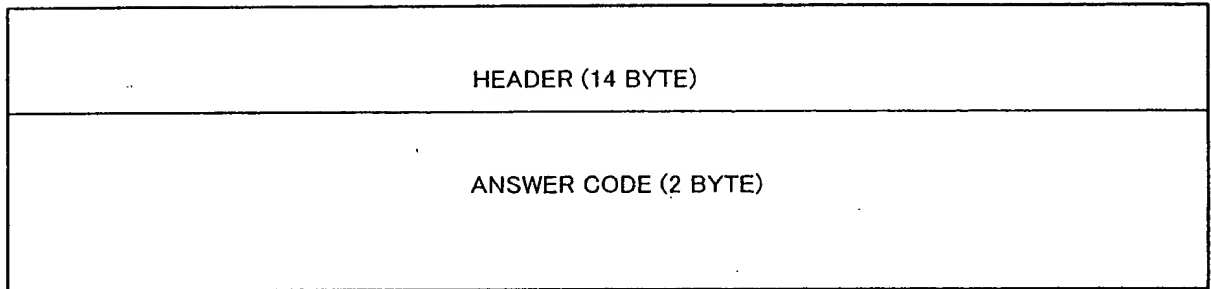
FORMATS OF
RETRANSMISSION REQUEST PACKET AND
RETRANSMISSION REQUEST END PACKET

FIG.18



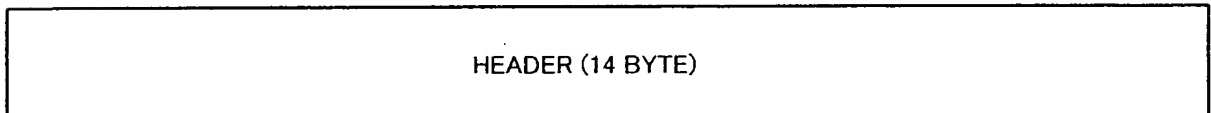
FORMAT OF ACKNOWLEDGEMENT START PACKET

FIG.19



FORMAT OF ACKNOWLEDGEMENT
ANSWER PACKET

FIG.20



FORMAT OF ACKNOWLEDGEMENT
END PACKET

FIG.21A

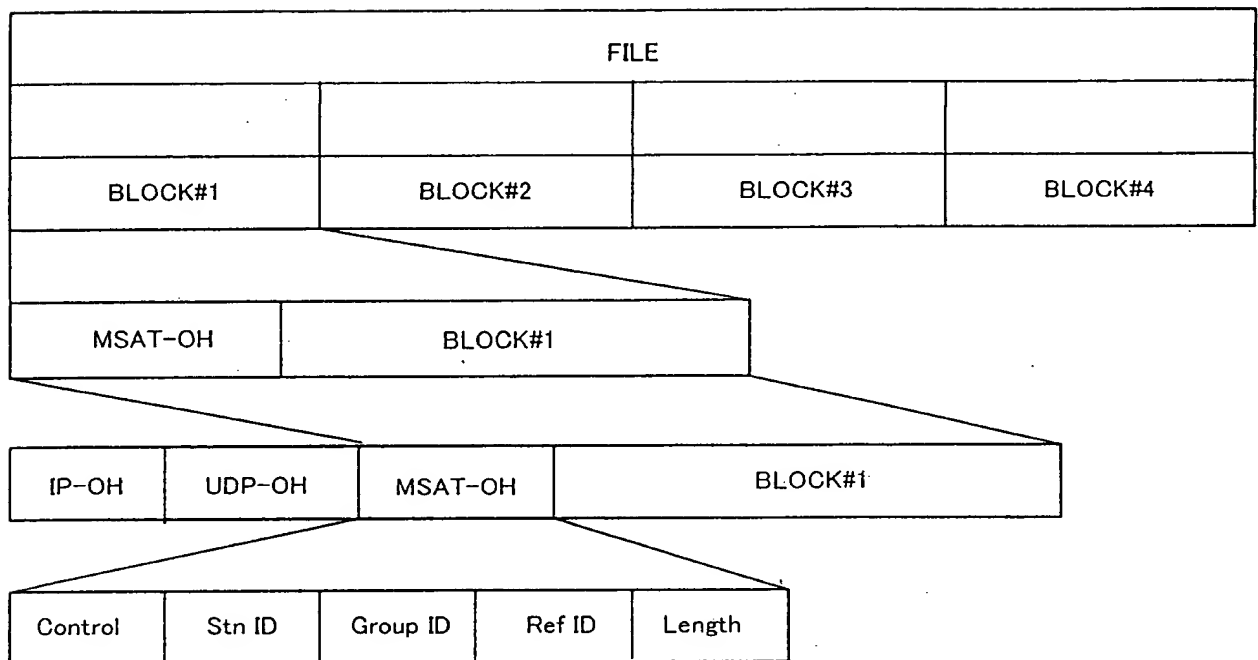


FIG.21B

SEQUENCE NO.	DATA LENGTH	SEQUENCE NO.	DATA LENGTH
--------------	-------------	--------------	-------------

FIG.22

FLOWCHART OF ANNOUNCE/
REGISTRATION AND MULTI-
DESTINATION DELIVERY PHASE
(SENDING SIDE)

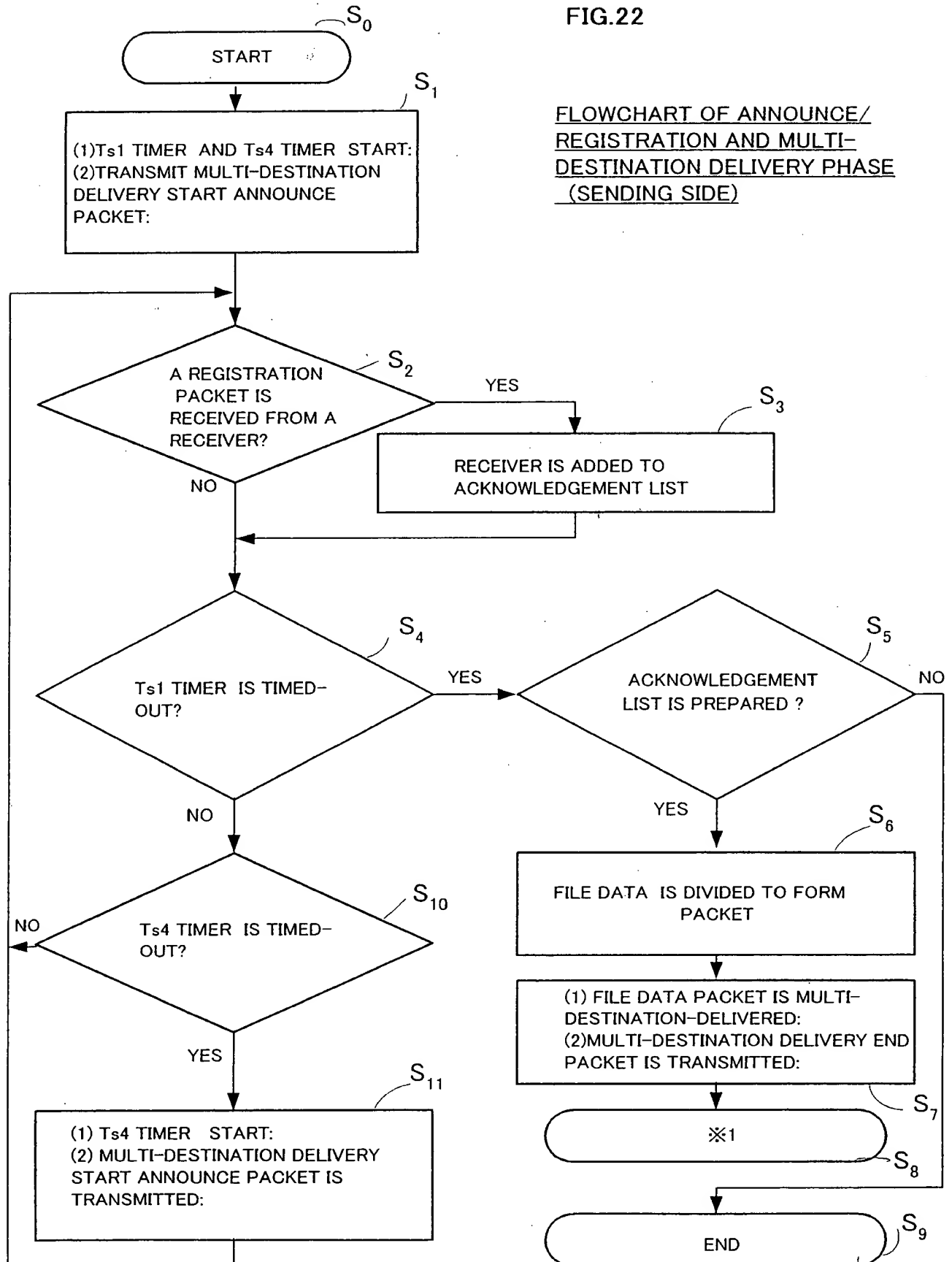


FIG.23

FLOWCHART OF ANNOUNCE/
REGISTRATION AND MULTI-
DESTINATION DELIVERY PHASE
(RECEIVING SIDE)

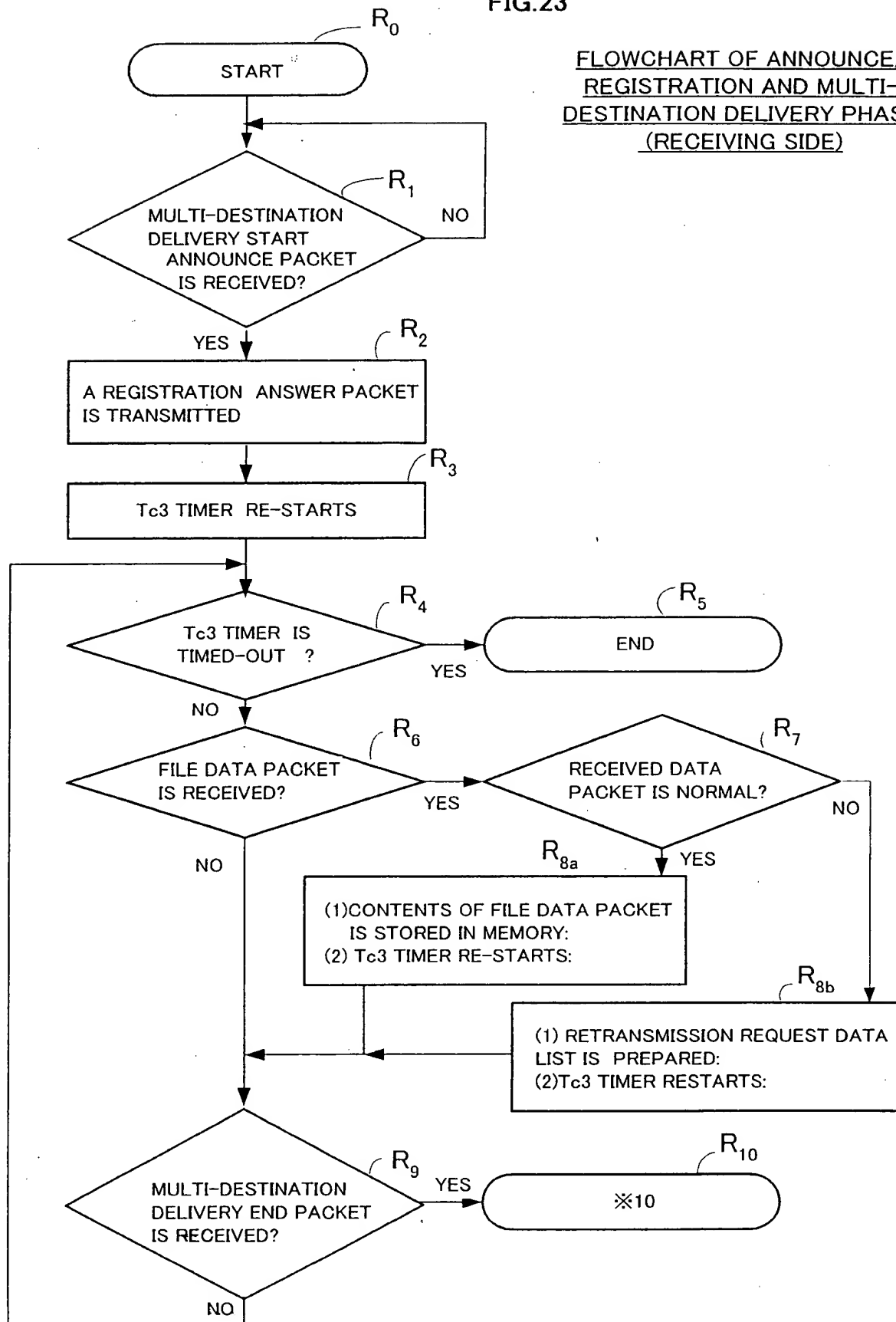


FIG.24

RETRANSMISSION PHASE
(SENDING SIDE)

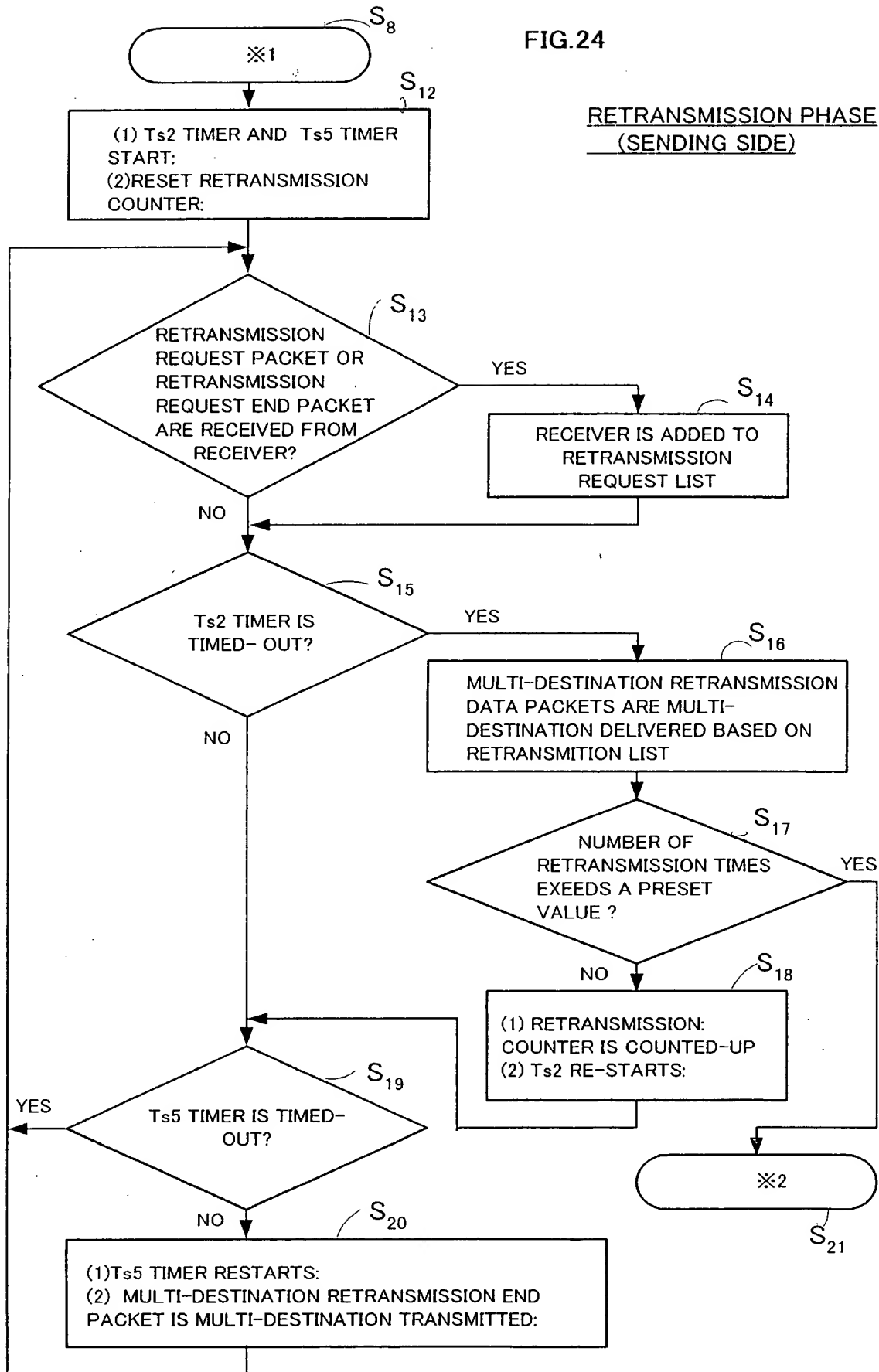


FIG.25 RETRANSMISSION
PHASE
(RECEIVING SIDE)

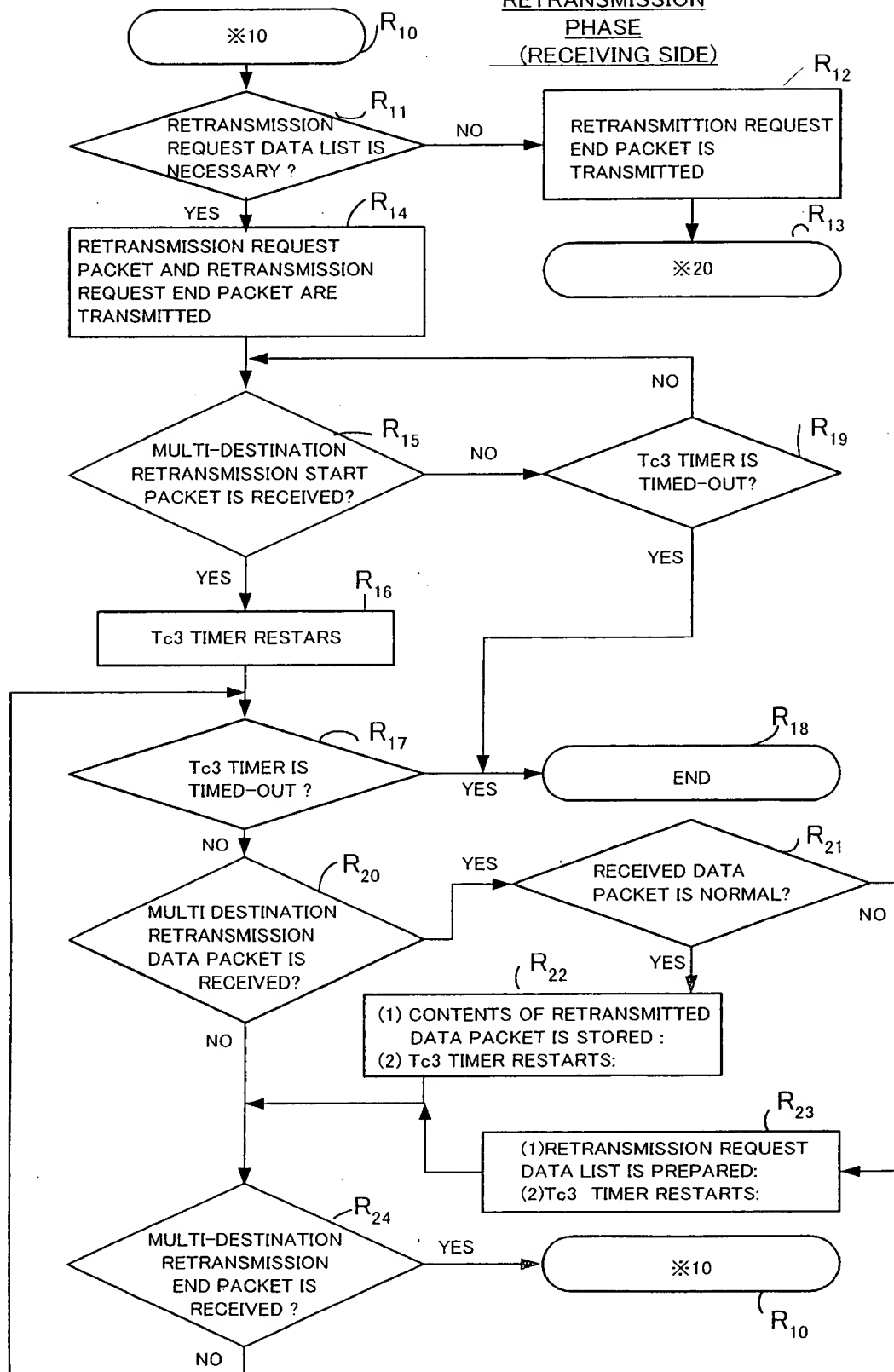


FIG.26

ACKNOWLEDGEMENT PHASE
(SENDING SIDE)

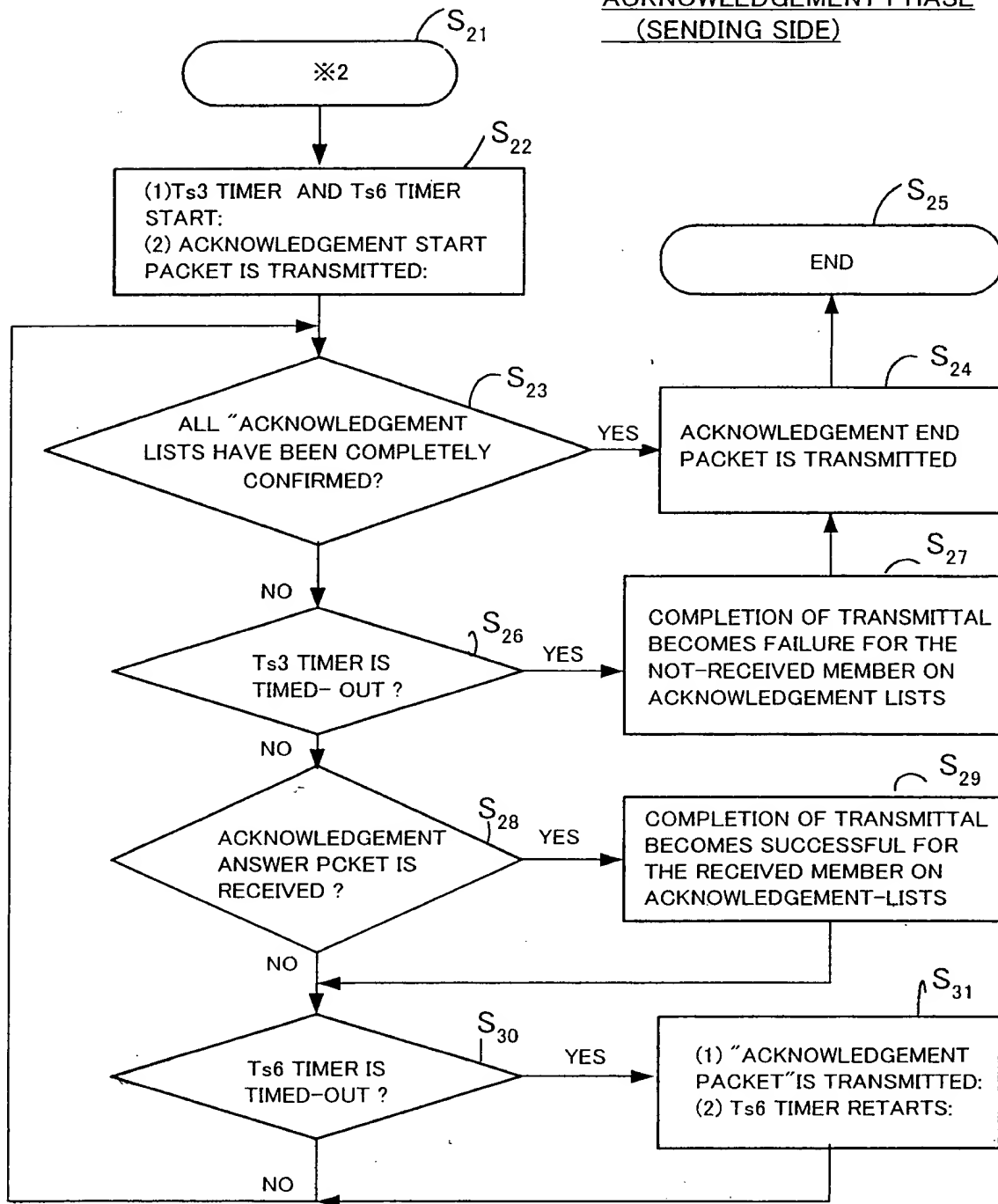


FIG.27

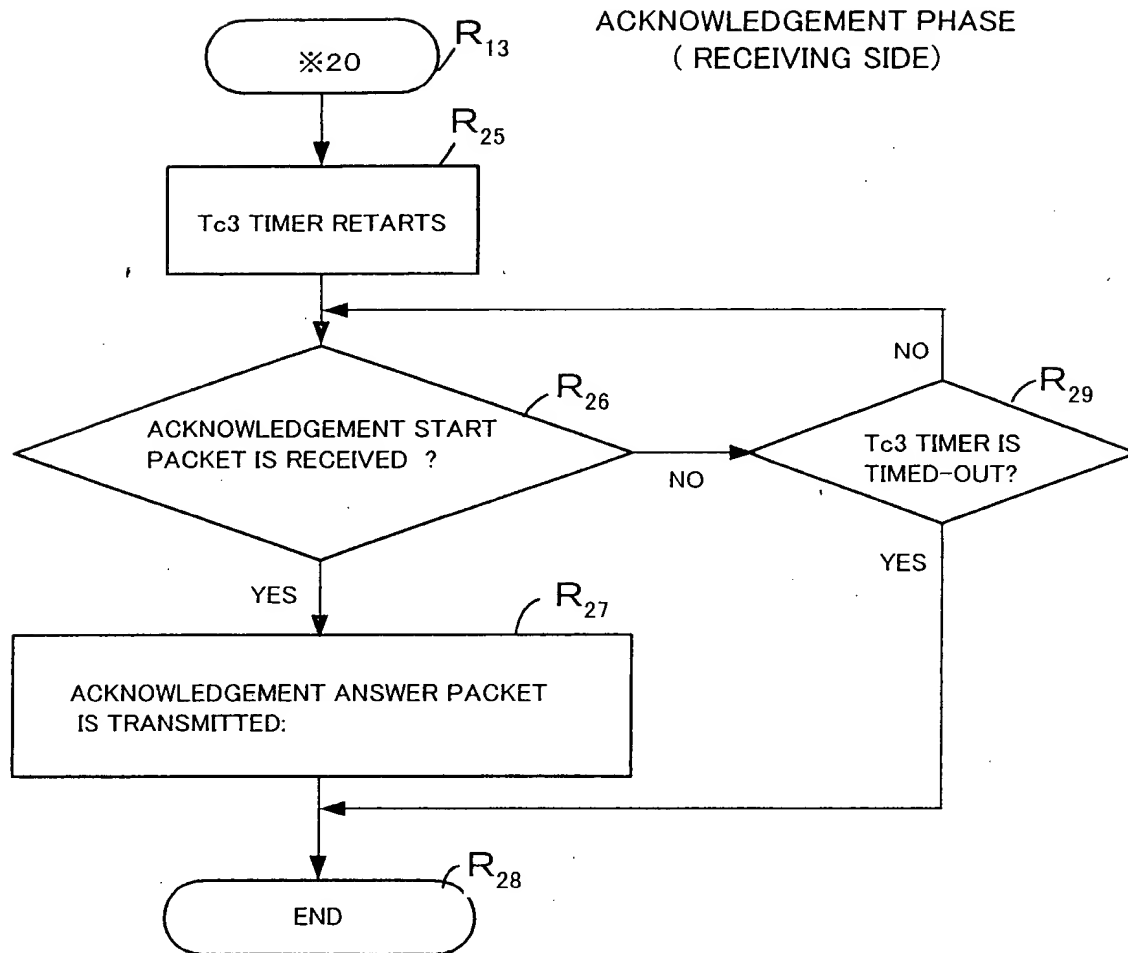
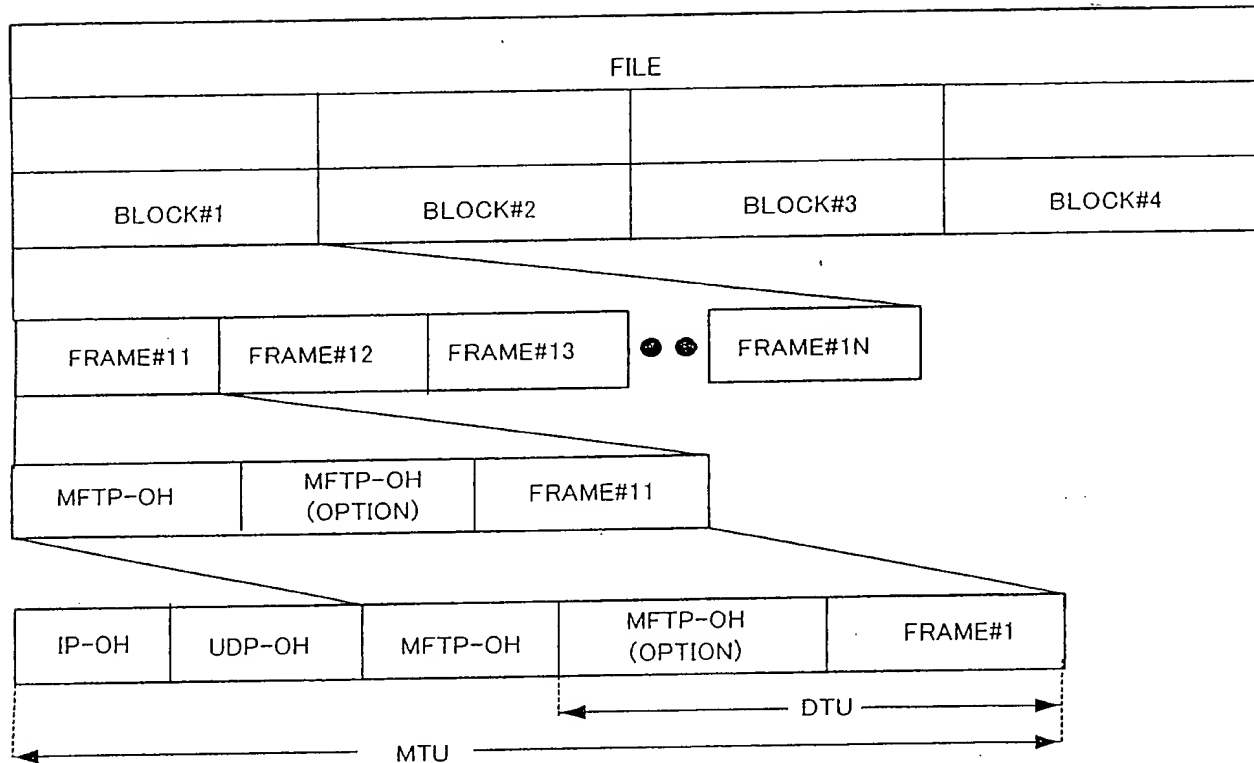
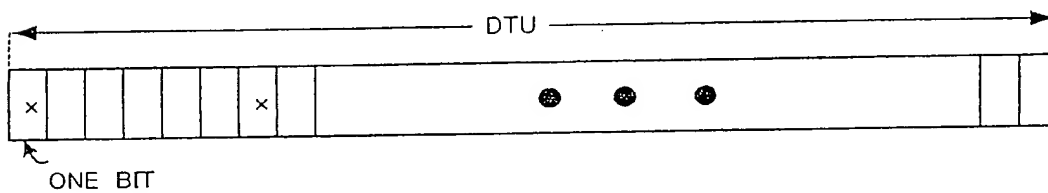


FIG.28A



PRIOR ART

FIG.28B



PRIOR ART

FIG.29

CIRCUIT BIT ERROR RATE

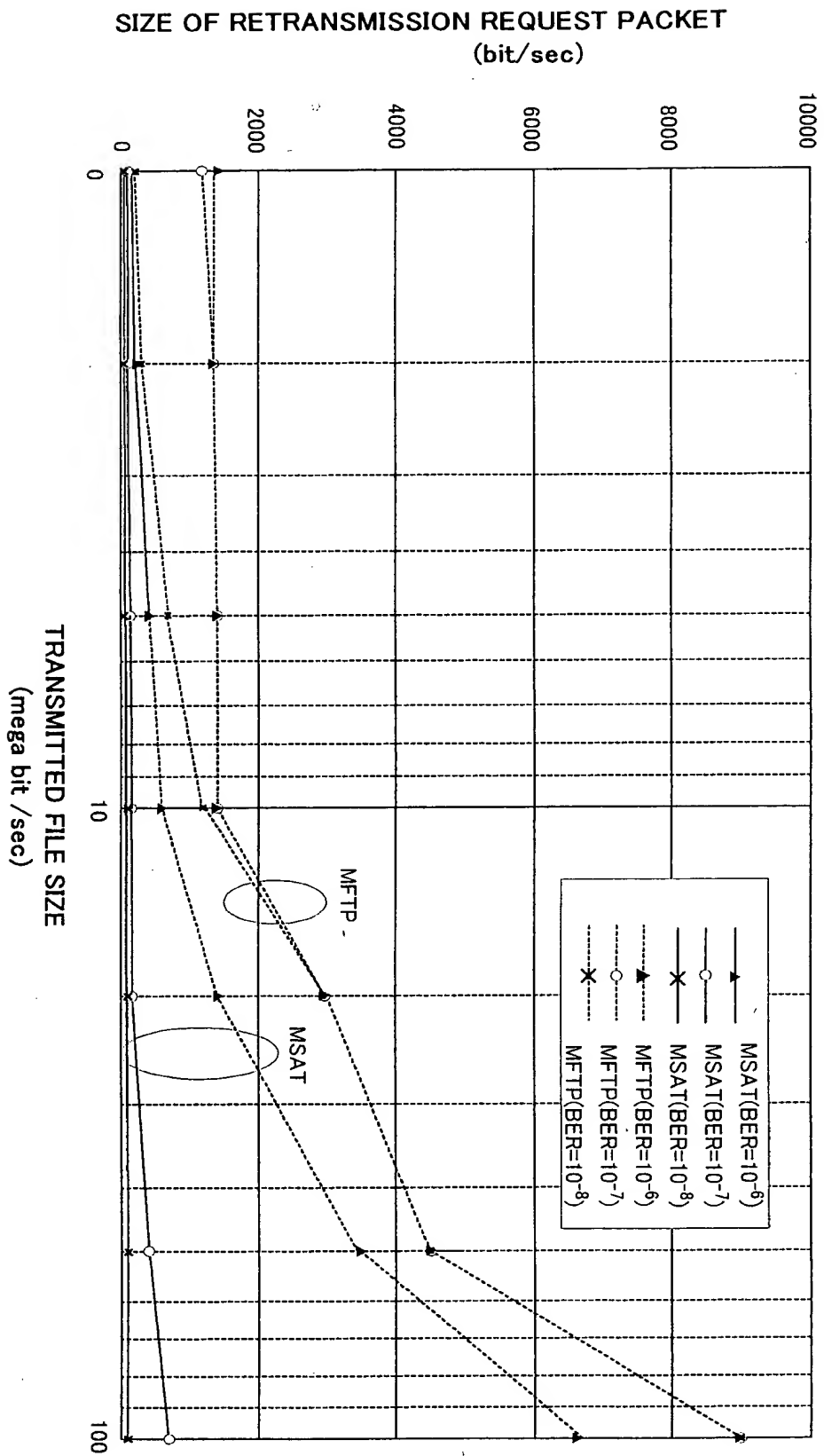
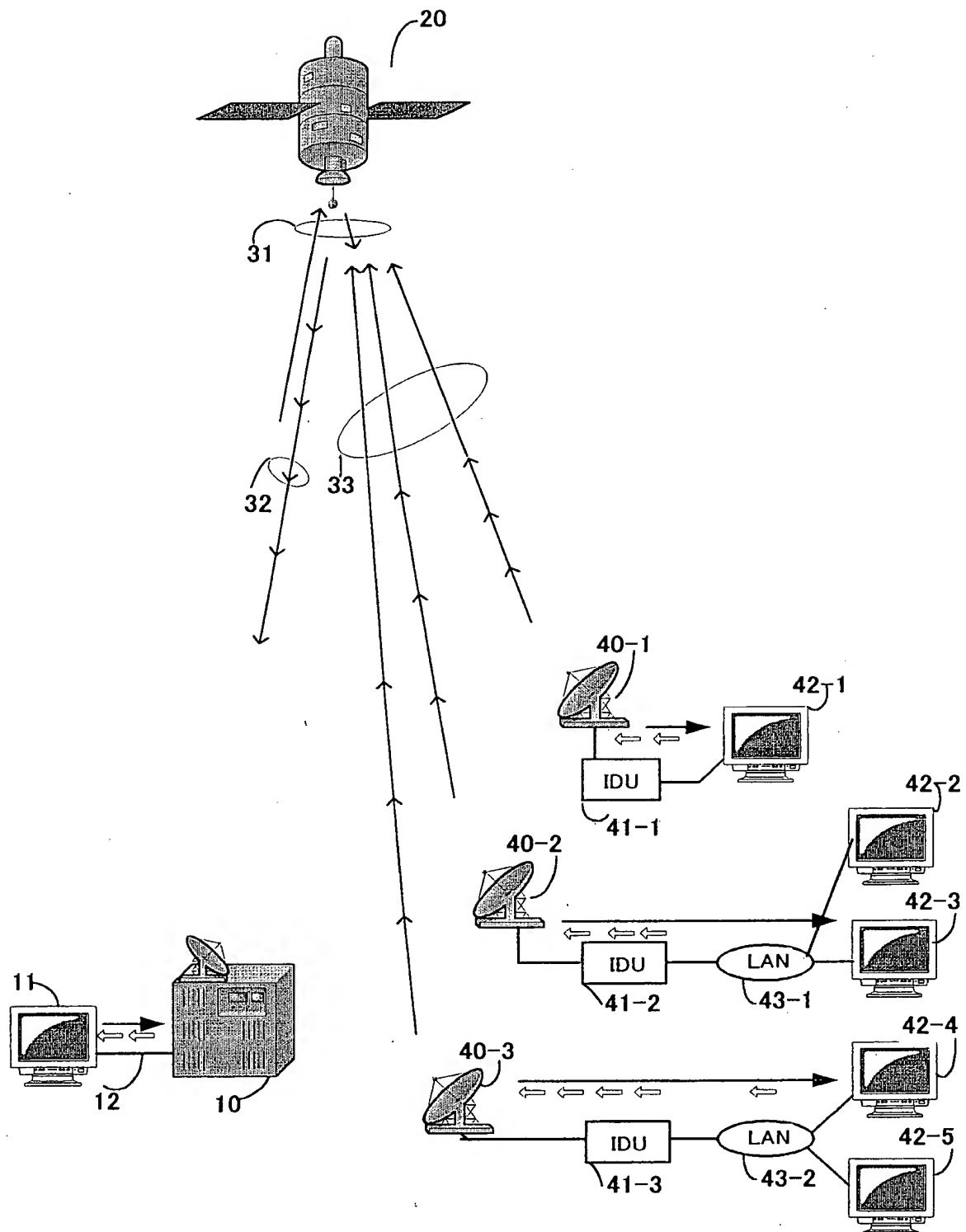


FIG.30



BEST AVAILABLE COPY